



### Description

Ball valve with male-male connections. For plumbing, gas and liquid hydrocarbon systems. Chrome-plated brass. Standard port. Aluminium T handle (red or yellow).

### Versions and product code

Product code	Size	Use	Handle color
R253X002	3/8"	Plumbing systems	Red
R253X003	1/2"		
R253X004	3/4"		
R253X005	1"		
R253X006	1 1/4"		
R253X022	3/8"	Gas and liquid hydrocarbon systems	Yellow
R253X023	1/2"		
R253X024	3/4"		
R253X025	1"		
R253X026	1 1/4"		

### Technical data

#### Main features and materials

- Suitable for plumbing, gas and liquid hydrocarbon systems.
- Connections: M x M (R - EN 10226).
- Standard port.
- UNI EN 12165 CW617N chrome-plated brass valve.
- Stem with double O-ring.
- Nut with anti-corrosion coating, with guarantee seal and hologram.
- Painted aluminium T handle (red for water use; yellow for gas use).

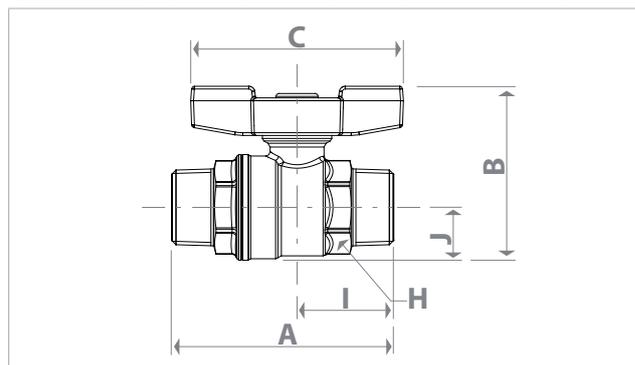
#### Field of applications

- Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4" 3,5 MPa (35 bar) for 1" - 1 1/4"
- Minimum working temperature: -20 °C with 50 % glycol solutions
- Max. working pressure at 20 °C with liquid hydrocarbon: 1,2 MPa (12 bar)
- Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar)
- Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar)

### Valves Kv

Size	Kv
3/8"	6,7
1/2"	10,2
3/4"	18,5
1"	36,3
1 1/4"	73,5

### Dimensions



Size	DN	A [mm]	I [mm]	B [mm]	J [mm]	C [mm]	H [mm]
3/8"	10	58	26	49	14	63	19
1/2"	14	66	29	51	15	63	22
3/4"	18	79	33	60	19	73	29
1"	22	91	40	69	23	73	36
1 1/4"	28	108	47	78	28	73	44

### Product specifications

#### R253D

Ball valve with male-male connections. For plumbing, gas and liquid hydrocarbon systems. UNI EN 12165 CW617N chrome-plated brass. Standard port. Painted aluminium T handle (red for water use; yellow for gas use). Stem with double O-ring. Nut with anti-corrosion coating, with guarantee seal and hologram. Max. working pressure at 20 °C with water and not dangerous gas: 4,2 MPa (42 bar) for 3/8" - 1/2" - 3/4"; 3,5 MPa (35 bar) for 1" - 1 1/4". Minimum working temperature: -20 °C with 50 % glycol solutions. Max. working pressure at 20 °C with liquid hydrocarbon: 1,2 MPa (12 bar). Max. operating pressure (MOP) with gas: 0,5 MPa (5 bar). Max. working conditions with dry saturated steam: 185 °C with 1,05 MPa (10,5 bar).

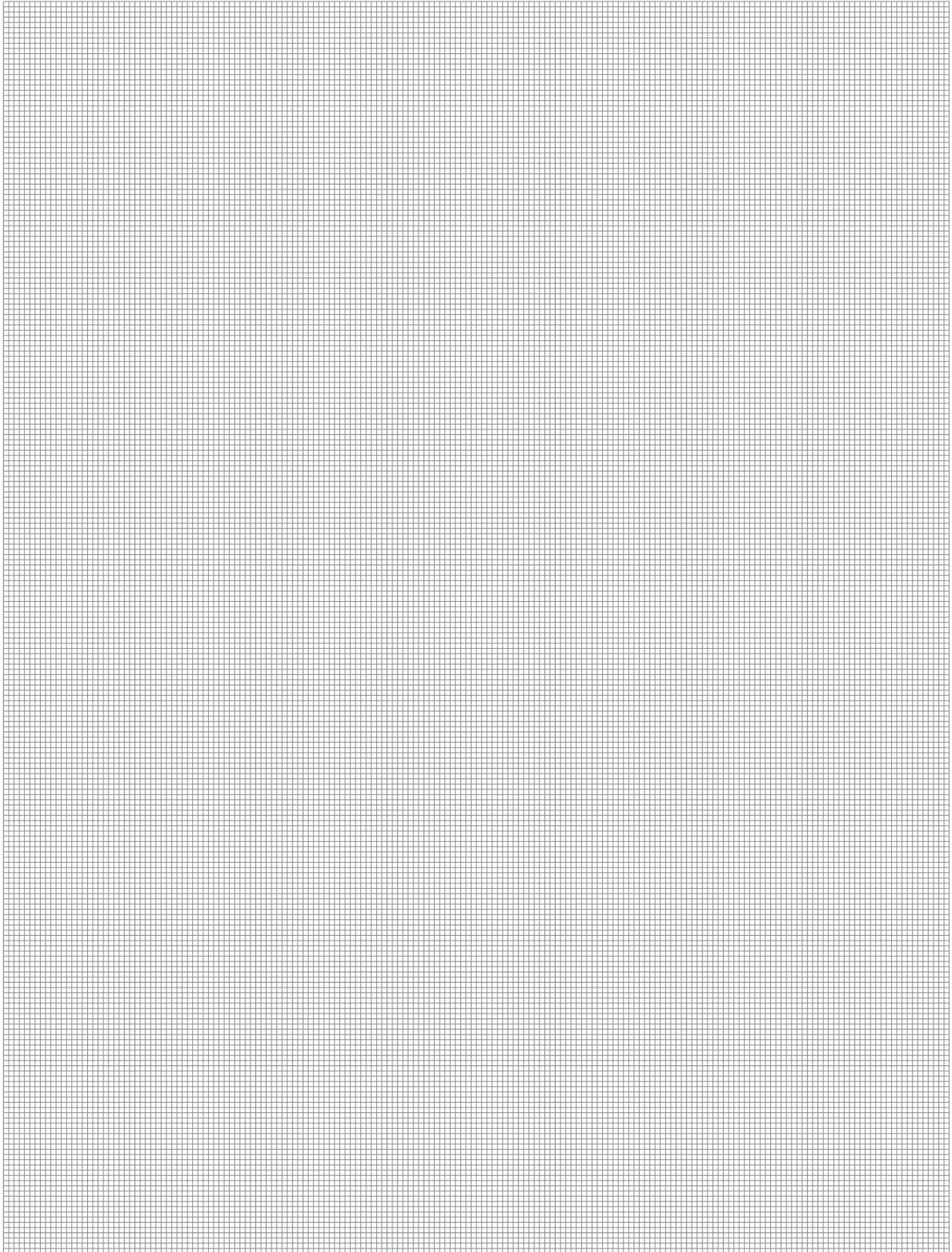
## BALL VALVES

0603EN December 2013

STANDARD PORT BALL VALVE.  
FOR PLUMBING, GAS AND LIQUID HYDROCARBON SYSTEMS.  
R253D SERIES



**GIACOMINI**  
WATER E-MOTION



### Additional information

For additional information please check the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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